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584 1099



UTILITY SERIAL NUMBER	08/651036	PATENT DATE	Nov 24 1999	PATENT NUMBER	5841099
SERIAL NUMBER	08/651,036	FILING DATE	08/17/96	CLASS	219
		SUBCLASS	121.690	GROUP ART UNIT	1742
				EXAMINER	Mills

APPLICANTS: MARK D. OWEN, PORTLAND, OR; BONNIE A. LARSON, HILLSBORO, OR; JOZEF V. POLYMERDECK, OOSTKAMP, BELGIUM.

CONTINUING DATA**
 VERIFIED THIS APPLN IS A CIP OF 08/276,797 07/18/94 - US. 5,593,60

FOREIGN/PCT APPLICATIONS**
 VERIFIED

NOTE-DISCLAIMER
 The term of this patent shall not extend
 beyond the expiration date
 of Pat. No. 5,593,606

FOREIGN FILING LICENSE GRANTED 07/30/96

Foreign priority claimed 35 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEYS DOCKET NO.
Verified and Acknowledged	Examiner's Initials	OR	13	20	1	\$880.00	26860/33	

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CERTIFICATE

JUL 20 1999

OF CORRECTION

TITLE: METHOD EMPLOYING UV LASER PULSES OF VARIED ENERGY DENSITY TO FORM
 DEPTHWISE SELF-LIMITING BLIND VIAS IN MULTILAYERED TARGETS

U.S. DEPT. OF COMM./ PAT. & TM - PTO-436L

PARTS OF APPLICATION FILED SEPARATELY		Applications Examiner	
NOTICE OF ALLOWANCE MAILED		CLAIMS ALLOWED	
6-17-98		Total Claims	Print Claim
Assistant Examiner		43	26
ISSUE FEE		DRAWING	
Amount Due	Date Paid	Sheets Drwg.	Figs. Drwg.
1320.00	11-17-98	15	26
GREGORY L. MILLS PATENT EXAMINER		Print Fig.	5
Primary Examiner		ISSUE BATCH NUMBER	P40/
PREPARED FOR ISSUE			

FORM PTO-1267 U.S. Department of Commerce
 (Rev. 11-92) Patent and Trademark Office

DISCLAIMER LABEL

Applicant's No.

08/651036 5-17-96

A terminal disclaimer has been entered and
 recorded under 35 U.S.C. 253 in this file.

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Form PTO-436A
 (Rev. 8/92)

PS

(FACE)

PATENT NUMBER				ORIGINAL CLASSIFICATION			
				CLASS	SUBCLASS		
				395	200.670		
APPLICATION SERIAL NUMBER				CROSS REFERENCE(S)			
08/617830							
APPLICANT'S NAME (PLEASE PRINT)				CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)		
Kurihara				395	200.470		
				705	26		
IF REISSUE, ORIGINAL PATENT NUMBER							
INTERNATIONAL CLASSIFICATION							
G	0	6	F	13/38			
G	0	6	F	15/17			
G	0	6	F	17/30			
				GROUP ART UNIT	ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)		
				2756	MARK H. RINEHART		
				PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)			
				PRIMARY EXAMINER			

PTO 270
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE